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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	0942.4250003/RWE/BJD
First Inventor	Joseph SOLUS et al.
Title	Polymerases for Analyzing or Typing Polymorphic Nucleic Acid Fragments and Uses Thereof
Express Mail Label No.	

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.**ADDRESS TO:**Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 163]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Prior Sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 16]
5. Oath or Declaration [Total Pages 2]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR §§
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☒ paper with Request to Open New Disk File
- c. ☒ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [] Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 [] Copies of IDS
Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach
form PTO/SB/35 or its equivalent.
17. ☒ Other: Authorization under 37 C.F.R. § 1.136(a)(3)
☒ Other: Letter to the Draftsman with 20 sheets of Formal Drawings

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-Part (CIP) of prior application No: 09/019,160
Prior application information: Examiner J. Tung Group/Art Unit: 1656

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND relied upon when a portion has been inadvertently omitted from the submitted application parts.


19. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

Customer No. 26111

(Insert Customer No. & Attach bar code label here.)

or ☐ Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.		
	Attorneys at Law		
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	FAX	

NAME (Print/Type)	Brian J. Del Buono	Registration No. (Attorney/Agent)	42,473
SIGNATURE		Date	<u>June 27, 2001</u>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231. div appl PTO SB 05.wpd

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	To be assigned
Filing Date	HEREWITH (June 27, 2001)
First Named Inventor	Joseph SOLUS <i>et al.</i>
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	09-42,4250003/RWE/BJD

TOTAL AMOUNT OF PAYMENT (\$1,634.00)

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 19-0036
 Deposit Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.

- ☐ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- ☐ Applicant claims small entity status See 37 CFR 1.27

- ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money Order ☒ Other*
 *Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION

BASIC FILING FEE

Large Fee Code	Entity Small Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355 Utility filing fee	710.00
106	320	206	160 Design filing fee	
107	490	207	245 Plant filing fee	
108	710	208	355 Reissue filing fee	
114	150	214	75 Provisional filing fee	
SUBTOTAL (1) (\$)				710.00

2. EXTRA CLAIM FEES

	Extra	Fee from below	Fee Paid
Total Claims	58 - 20** = 38	X 18.00 =	684.00
Indep. Claims	6 - 3** = 3	X 80.00 =	240.00
Multiple Dependent			00.00

Large Fee Code	Entity Small Fee Code	Fee (\$)	Fee Description
103	18	203	9 Claims in excess of 20
102	80	202	40 Independent claims in excess of 3
104	270	204	135 Multiple dependent claim
108	80	208	40 **Reissue independent claims over original patent
110	18	210	9 **Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 924.00

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Small Fee Code	Fee (\$)	Fee Description	Fee paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	390	216	195 Extension for reply within second month	
117	890	217	445 Extension for reply within third month	
118	1,390	218	695 Extension for reply within fourth month	
128	1,890	228	945 Extension for reply within fifth month	
119	310	219	155 Notice of Appeal	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,240	241	620 Petition to revive - unintentional	
142	1,240	242	620 Utility issue fee (or reissue)	
143	440	243	220 Design issue fee	
144	600	244	300 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	130	123	130 Petitions related to provisional applications	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	481	40 Recording each patent assignment per property (times number of properties)	
146	710	246	355 Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355 For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	

Other fee (specify):

Other fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 1,634.00

SUBMITTED BY

Name (Print/Type) Brian J. Del Buono
 Signature *Brian J. Del Buono*

Registration No. (Attorney/Agent) 42,473

Complete (if applicable)

Telephone 202-371-2800

Date June 27, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SDPG Rev. 11/13/00 msc

div fee transmittal.wpd

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SOLUS *et al.*

Appl. No. *To be assigned*

(Divisional of 09/019,160; Filed: February 6, 1998)

Filed: HERewith

For: **Polymerases for Analyzing or
Typing Polymorphic Nucleic Acid
Fragments and Uses Thereof**

Art Unit: *To be assigned*

Examiner: *To be assigned*

Atty. Docket: 0942.4250003/RWE/BJD

Request to Open New Disk File

Commissioner for Patents

Washington, D.C. 20231

Sir:

Applicants request that a new disk file be opened for the above-cited application.

The Sequence Listing disk submitted on **February 6, 1998** in the parent, Application No.

09/019,160, filed **February 6, 1998** contains the identical sequence information as that in
the present application.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Brian J. Del Buono
Attorney for Applicants
Registration No. 42,473

Date: June 27, 2001

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